

Amendments to the Claims:

In accordance with the revised format for claim amendments, all claims are shown below. Please amend the claims as follows:

1 through 5. (Cancelled)

6. (Currently Amended) A nucleic acid molecule having a nucleic acid sequence encoding a variant cellobiohydrolase that is mutated with respect to a wild-type cellobiohydrolase, said nucleic acid sequence comprising a linker region sequence having a length of from about 20 nucleotides to about 50 nucleotides located~~linker~~ region, between a catalytic domain and a cellulose binding domain (CBD).

7. (Currently Amended) The nucleic acid molecule of claim-~~5~~ 6 wherein the variant cellobiohydrolase is further defined as having enhanced thermostability.

8. (Currently Amended) The nucleic acid molecule of claim-~~5~~ 6 wherein the variant cellobiohydrolase is further defined as an 1,4 β-cellobiohydrolase.

9. (Currently Amended) The nucleic acid molecule of claim-~~5~~ 6 wherein the cellobiohydrolase is further defined as having reduced end-product inhibition.

10. (Currently Amended) The nucleic acid molecular of claim-~~5~~ 6 wherein the linker region sequence has a length of about 24 nucleotides.

11. (Currently Amended) A method for making an active exoglucanase in a eukaryotic heterologous host, the method comprising reducing glycosylation of the exoglucanase, wherein reducing comprises replacing an amino acid that has an N-glycosylation site with a replacement residue not having such a site~~amino acid residue with non-glycosyl accepting amino acid residue~~.

12. (Currently Amended) The method of claim ~~10~~11, wherein the amino acid that has the N-glycosylation site~~amino acid residues include asparagines 45, 270, or 384 of Table 4~~

~~and the non-glycosyl accepting amino acid residue includes alanine includes asparagine together with surrounding amino acid residues as encoded by at least one of SEQ ID NO. 20, 21, and 22, and the replacement residue includes alanine together with surrounding amino acid residues as encoded by at least one of SEQ ID, NO. 83, 85, and 87.~~

13. (Currently Amended) The method of claims ~~40~~11, wherein replacing comprises site-directed ~~mutagenesis~~mutagenesis.

14. (Currently Amended) The ~~methods of claims 10~~method of claim 11, wherein the exoglucanase comprises a cellobiohydrolase.

15. (Currently Amended) An exoglucanase, comprising ~~of the sequence change of~~
encoded by SEQ ID NO: 20.

16. (Currently Amended) An exoglucanase, comprising ~~of the sequence change of~~
encoded by SEQ ID NO: 21.

17. (Currently Amended) An exoglucanase, comprising ~~of the sequence change of~~
encoded by SEQ ID NO: 22.

18. (Currently Amended) An exoglucanase composition, comprising a combination of exoglucanases selected from the group consisting of claims 15,16, and 17.